

FIG. 1

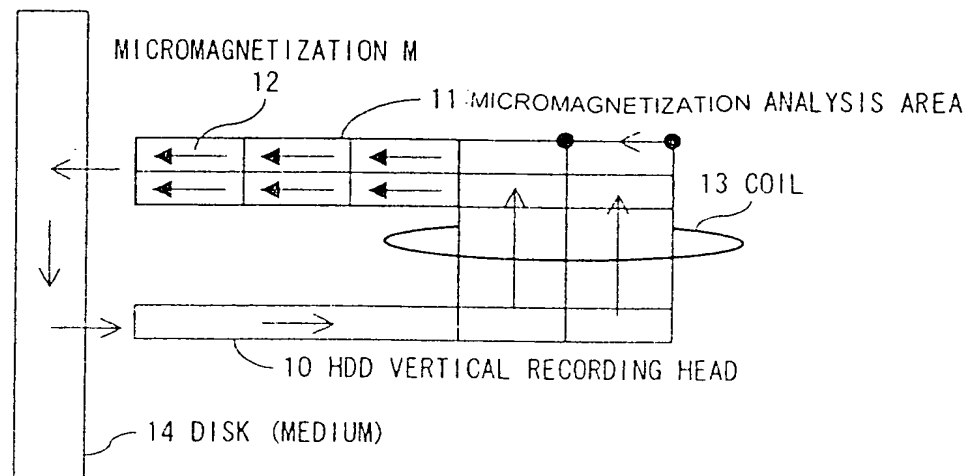


FIG. 3

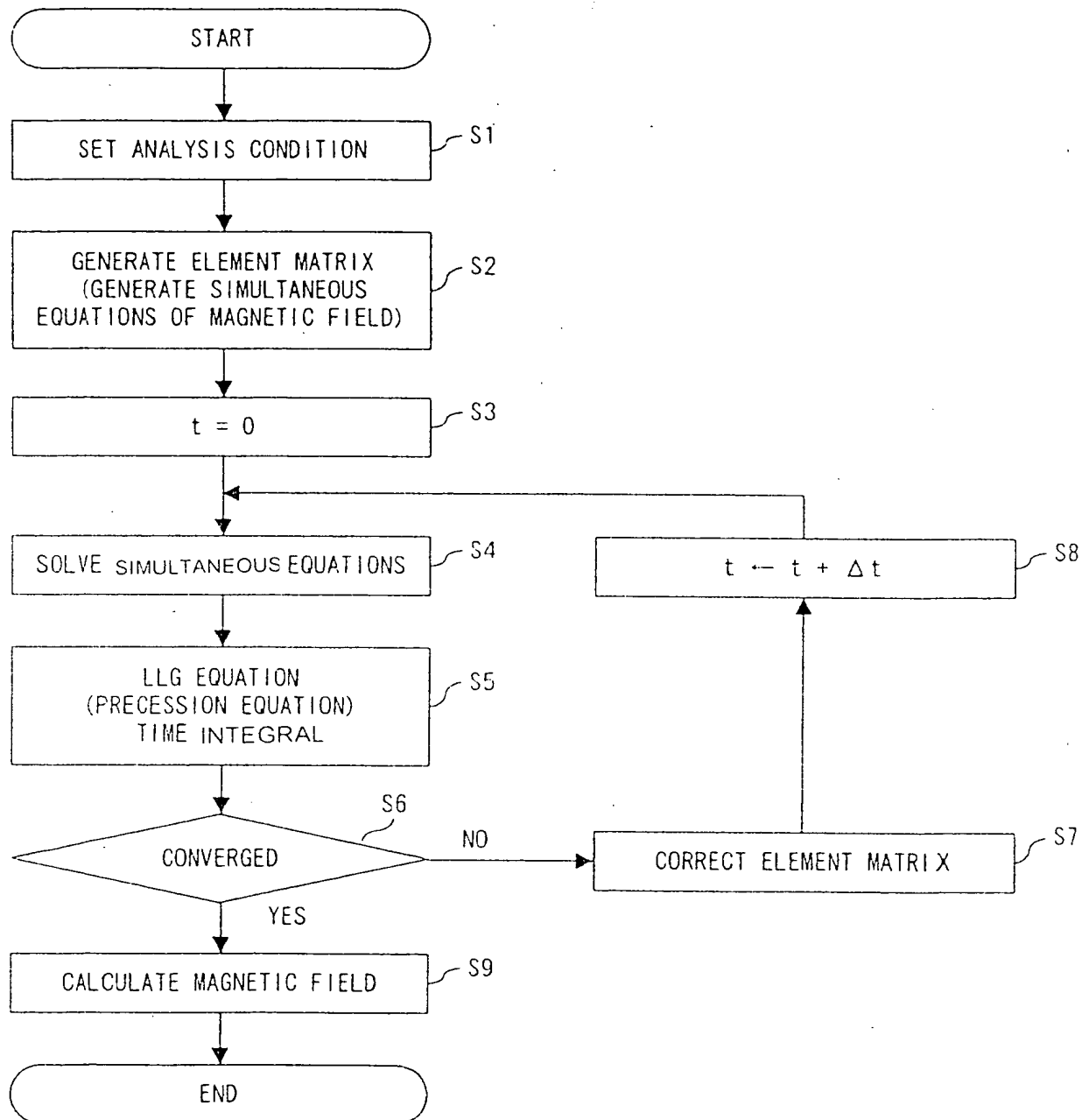


FIG. 4

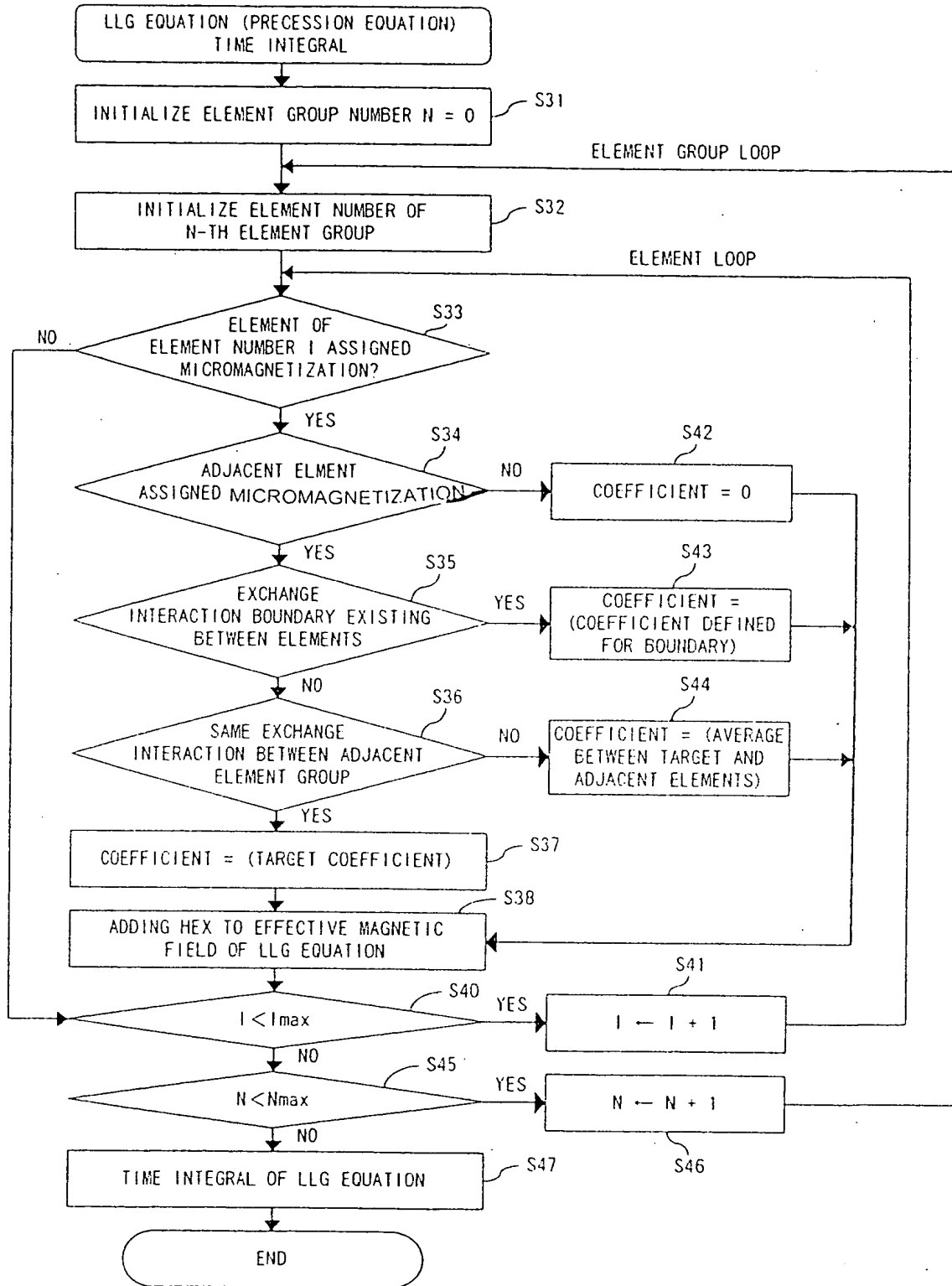


FIG. 11

SETTING GROUP CONOITON (MAICROMAGNETITATION ANALYSIS)

No = 2

NAME = US

MATERIAL SELECTION

OPTION

NO SETTINGS

AIR

CONDUTOR

MAGNETIC SUBSTANCE

MICROMAGNETIZATION

EXCITING CURRENT

NONLINEARITY

MAGNETIZATION

QUASISTATIONARY MAGNETIZATION FIXING

MAGNETIC PERMEABILITY

DIELECTRIC CONSTANT (1/Ωm)

MAGNETIZATION INTENSITY (T)

MAGNETIZATION X-COMPONENT

MAGNETIZATION Y-COMPONENT

MAGNETIZATION Z-COMPONENT

ID FOR QUASISTATIONARY CALCULATION

NUMBER OF DIVISIONS OF MAGNETIZATION INTENSITY

MICROMAGNETIZATION VARIABLE

FACILITY

AXIS MAGNETIC FIELD (Oe)

MAGNETIZATION INTENSITY (T)

EXCHANGE COEFFICIENT (J/M)

FRICTION COEFFICIENT

FACILITY AXIS DIRECTION

RANDOM

ARRAY

3-DIMENSIONAL

ON X-Y PLANE

ON Y-Z PLANE

ON Z-X PLANE

MAGNETIZATION

FORCIBLE

FORCED

X COMPONENT

Y COMPONENT

Z COMPONENT

FEATURES OF MAGNETIC FILM

TYPE

X COMPONENT

Y COMPONENT

Z COMPONENT

BOND DILM

BOND ELEMENT

GROUP CONNECTING LAYERS USING EXCHANGE BOND

Hexc(erg/cm2)

Hin, Hua(Oe)

OK

CANNCELED

FIG. 14

SETTING BOUNDARY CONDITION (MICROMAGNETIZATION ANALYSIS)

No =  NAME =

119 { BOUNDARY FOR MAGNETIC FIELD CALCULATION

NO SETTINGS

EXTERNAL BOUNDARY

SYMMETRIC BOUNDARY

POTENTIAL BOUNDARY

BOUNDARY FOR EXCITING CURRENT

SPECIFY POTENTIAL (V)

SPECIFY CURRENT (A)

0.000E+00

120

EXCHANGE INTERACTION

EXCHANGE INTERACTION

COEFFICIENT/MAGNETIC FIELD

EXCHANGE COEFFICIENT (J/m)

0.000E+00

121

122 { Ax =

Ay =

Az =

123  $\phi =$

124  $\phi_m =$

MAGNETIZATION VECTOR FIXING

X DIRECTION FIXING

Y DIRECTION FIXING

Z DIRECTION FIXING

125

ID FOR SEMI-STEADY CALCULATION  126

OK CANCELED

FIG. 15

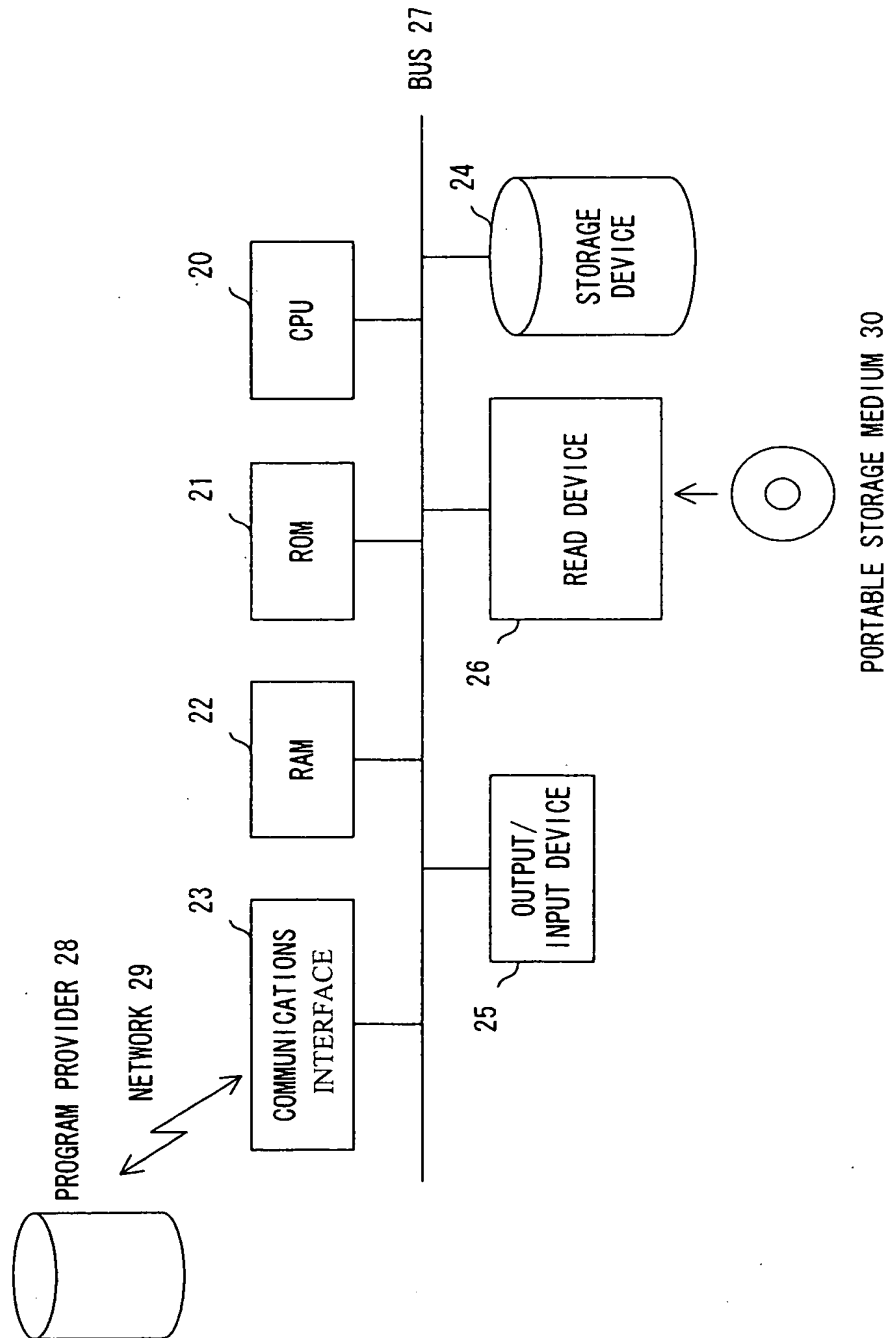


FIG. 16